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Docket Number (Optional)

56007-CI

Application Number

09/932,302

Applicant(s)

MADRAS et al

Filing Date

August 17, 2001

Group Art Unit

1615 1616

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	AA	5,493,026	02/20/1996	ELMALEH et al	346/132		10/25/1993
AM	AM	5,770,180	06/23/1998	MADRAS et al	424	1.81	04/26/1996
AC	AC	6,011,070	01/04/2000	FROIMOWITZ et al	514	6576	08/15/1997

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
AD	AD	WO97/40859	11/1997	PCT	A61K	51/04		
AE	AE	WO97/16210	05/1997	PCT	A61K	51/00		
AF	AF	WO94/04146	03/1994	PCT	A61K	31/35		

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AG	Ernst et al., "High Midbrain [¹⁸ F]DOPA Accumulation in Children With Attention Deficit Hyperactivity Disorder", Am J Psychiatry, 156:8, August 1999.
AH	Ernst et al., "DOPA Decarboxylase Activity in Attention Deficit Hyperactivity Disorder Adults. A [Fluorine-18]Fluorodopa Positron Emission Tomographic Study", The Journal of Neuroscience, August 1, 1998, 18(15):5901-5907.

EXAMINER

Harley

DATE CONSIDERED

7/21/2003

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RA

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RB

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RC

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RD

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RE

Meltzer, et al., "Substituted 2-Phenyltropane Analogs of Cocaine: Synthesis, Inhibition of Binding at Cocaine Recognition Sites and Positron Emission Tomography (PET) Imaging," J. Med. Chem., 36:855-862(1993)

RF

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RG

Seeman et al., "Anti-Hyperactivity Medication: Methylphenidate and Amphetamine," Mol. Psychiatry, 3(5):386-96 (1998)

RH

Thapar et al., "Genetic Basis of Attention Deficit and Hyperactivity," Br. J. Psychiatry, 174:105-11(1999)

RI

Volkow et al., "Dopamine Transporter Occupancies in the Human Brain Induced by Therapeutic Doses of Oral Methylphenidate," Am. J. Psychiatry, 155:1325-31 (1998)

RJ

Waldman et al., "Association and Linkage of the Dopamine Transporter Gene and Attention-Deficit/Hyperactivity Disorder in Children: Heterogeneity Owing to Diagnostic Subtype and Severity," Am. J. Hum. Genet., 63(6):1767-76 (1998)

RK

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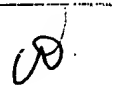



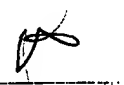
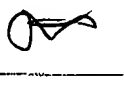
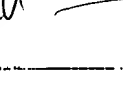

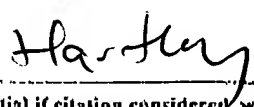

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		Applicant(s) MADRAS et al	
		Filing Date August 17, 2001	Group Art Unit 1615 1616
EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
	CA	Bonab et al., "Estimation of C-11-CFT Binding Potential by Iterative Fitting (IF) and Comparison with Reference Region Graphical (RRG) and Reference Fitting (RF) in Monkeys," <i>J. Nuclear</i> 5/1998.	
	CB	Canfield et al., "Autoradiographic Localization of Cocaine Binding Sites by [3H]CFT ([3H]WIN35,428) in the Monkey Brain," <i>Synapse</i> , 6(2):189-95 (1990)	
	CD	Comings et al., "Polygenic Inheritance of Tourette Syndrome, Stuttering, Attention Deficit Hyperactivity, Conduct, and Oppositional Defiant Disorder: The Additive and Subtractive Effect of the Three Dopaminergic Genes - DRD2, D beta II, and DAT1," <i>Am. J. Med. Genet.</i> , 67(3):26488(1996)	
	CE	Cook et al., "Association of Attention-Deficit Disorder and the Dopamine Transporter Gene," <i>Am. J. Hum. Genet.</i> , 56(4):993-8 (1995)	
	CF	Daly et al., "Mapping Susceptibility Loci in Attention Deficit Hyperactivity Disorder: Preferential Transmission of Parental Alleles at DAT1, DBH and DRD5 to Affected Children," <i>Mol. Psychiatry</i> , 4(2):192-6 (1999)	
	CG	Fischman et al., "SPECT Imaging of Dopamine Transporter Sites in Normal and MPTP-Treated Rhesus Monkeys," <i>J. Nuclear Medicine</i> , 38(1):144-50 1997	
	CH	Fischman et al., "Rapid Detection of Parkinson's Disease with Altopane, a SPECT Ligand," <i>Synapse</i> , 29:128-41 (1998)	
	CI	Gill et al., "Confirmation of Association Between Attention Deficit Hyperactivity Disorder and a Dopamine Transporter Polymorphism," <i>Mol. Psychiatry</i> , 2(4):311-3 (1997)	
	CJ	Greenhill et al., "Stimulant Medications," <i>J. Am. Acad. Child Adolesc. Psychiatry</i> , 38(5):503-12(1999)	
	CK	Kaufman et al., "Distribution of Cocaine Recognition Sites in Monkey Brain: I. In Vitro Autoradiography with [3H]CFT," <i>SYNAPSE</i> , 9(3):177-87 (1991)	
	CL	Kaufman et al., "Distribution of Cocaine Recognition Sites in Monkey Brain: II. Ex Vivo Autoradiography with 3H CFT and 125I RTI-55," <i>Synapse</i> , 12(2):99-111 (1992)	
	CM	Madras et al., "Technepine: A High-Affinity 99m-Technetium Probe to Label the Dopamine Transporter in Brain by SPECT Imaging," <i>Synapse</i> , 22(3):239-46 (1996)	
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56007-C

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MADRAS et al

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1619/616

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Zametkins, M.D.; and Wendi Liotta "The Neurobiology of Attention-Deficit/Hyperactivity Disorder" J Clin Psychiatry 1998;59 (suppl 7)

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	DOCKET NO: 56,007-CIP (70207)	SERIAL NO.: 09/932,302
	APPLICANT(S): Bertha K. Madras, et al.	
	FILING DATE: August 17, 2001	GROUP NO.: 1619 1616

UNITED STATES PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
	BA						Abstract
	BB						
	BC						
	BD						
	BE						
	BF						

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	CA Bertha K. Madras, et al., <i>The Dopamine Transporter: Relevance To Attention Deficit Hyperactivity Disorder (ADHD)</i> , Behavioural Brain Research, Vol. 130 (2002) pp. 57-63.
EXAMINER: 	DATE: 7/21/2003

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY DOCKET NO.
70207/56,007 CIP

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APPLICANT Meltzer, et al.

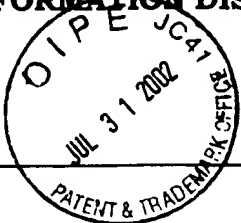
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1619 1616

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EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASSES	FIL. DATE IF APPR
W	AR	3,813,404	05/28/74	CLARKE, et al.	260	292	
W	AS	5,496,953	03/05/96	KUHAR, et al.	546	125	
W	AT	5,760,055	06/02/98	Huw M.L. DAVIES	514	304	
W	AU	6,008,227	12/28/99	DAVIES, et al.	514	304	
W	AV	6,358,492	03/19/02	KUHAR, et al.	424	1.85	
W	AW	6,350,758 B1	02/26/02	KOZIKOWSKI, et al.	514	304	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO
W	BA	WO 98/24788	11.6.98 (June 11, 1998)	PCT	C07D	451/02	YES

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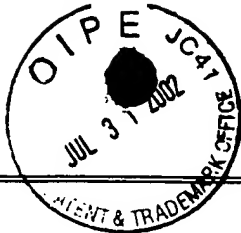
W	CA	Biederman et al, "High Risk for attention Deficit Hyperactivity Disorder Among Children of Parents with Childhood Onset of the Disorder: A Pilot Study," Am. J. Psychiatry, 152(3):431-35 (1995)
W	CB	Madras et al., "Imaging the Dopamine Transporter: A Window on Dopamine Neurons. Advances in Neurodegenerative Disorders," J. Marwah, H. Teitelbaum, Eds., Vol. 1. Parkinson's Disease, pp. 229-253 (1998)

Examiner:

Hartley

Date:

7/21/2003



FORM PTO-1449

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CC	Meltzer, et al., "Substituted 2-Phenyltropane Analogs of Cocaine; Synthesis, Inhibition of Binding at Cocaine Recognition Sites and Positron Emission Tomography (PET) Imaging," J. Med. Chem., 36:855-862 (1993)
CD	Sano et al., "A 40-Nucleotide Repeat Polymorphism in the Human Dopamine Transporter Gene," Hum. Genet., 91:405-406 (1993)
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Hickley

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